

State of California  
Business, Transportation and Housing Agency  
Department of Transportation

Prepared By:  
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***PROPOSED***

PROGRAM AMENDMENTS  
STIP Amendment 00S-064  
Action Item  
CTC Meeting: January 23-24, 2002  
  
Agenda Item: 2.1a.(5)

**Original Signed By**  

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ROBERT L. GARCIA  
Chief Financial Officer  
January 2, 2002

**STIP AMENDMENT 00S-064 ACTION**

**ACTION UPDATE FROM NOTICE**

This item was noticed at the December 2001 Commission meeting; the Commission requested the Action item be placed on the consent calendar as originally proposed.

**SUMMARY**

This amendment programs \$520,000 in Regional Improvement Program (RIP) funds from San Bernardino County's Unprogrammed Share Balance for a Global Positioning System (GPS) project to expand the GPS network serving the counties of Ventura, Los Angeles and Orange into San Bernardino County. In addition, it will install Changeable Message Signs (CMS) and purchase the necessary equipment to provide real time train schedule information to San Bernardino County's Metrolink passengers. The project will be implemented by Southern California Regional Rail Authority (SCRRA).

**RECOMMENDATION**

The San Bernardino Associated Governments (SANBAG) is requesting this amendment. The Department has reviewed the amendment and found it to be consistent with the Commission adopted STIP guidelines.

**RESOLUTION**

Resolved, that the California Transportation Commission (CTC) revise the 2000 State Transportation Improvement Program (STIP) at the end of the 30-day notice period as follows:

January 23-24, 2002

**Adds:**

<b>Project Information</b>								
County:	CT District:	PPNO:	EA:	Element:	Const Year:	PM Back	PM Ahead	Route/Corridor
San Bernardino	75	2019		Rail	2001-02	--	--	Metrolink
Project Title:	Global Positioning System							
Sponsor:	Southern California Regional Rail Authority (SCRRA)							
Implementing Agency:	Southern California Regional Rail Authority (SCRRA)							
RTPA/CTC:	San Bernardino Associated Governments (SANBAG)							
Location:	Metrolink system in San Bernardino County							
Description:	Global Positioning System and installation of changeable message signs to serve San Bernardino County's Metrolink rail stations							

<b>STIP Programming - RIP</b>							
<b>(Dollars in Thousands)</b>							
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED							
PS&E							
R/W							
CON			\$520				\$520
TOTAL			\$520				\$520

**BACKGROUND**

This amendment programs \$520,000 in Regional Improvement Program (RIP) funds from San Bernardino County's Unprogrammed Share Balance for a Global Positioning System (GPS) project to expand the GPS network serving the counties of Ventura, Los Angeles and Orange into San Bernardino County. In addition, it will install Changeable Message Signs (CMS) and purchase the necessary equipment to provide real time train schedule information to San Bernardino County's Metrolink passengers. The project will be implemented by Southern California Regional Rail Authority (SCRRA).

Currently, a GPS and CMS project funded from the State General Fund and SCRRA local funds is underway to serve Metrolink commuter train passengers in the counties of Ventura, Los Angeles, and Orange. This project will extend the GPS network into San Bernardino County to serve commuter train passengers at the Claremont, Montclair, Upland, Rancho Cucamonga, Fontana, Rialto and San Bernardino rail stations.

Global Positioning System (GPS) technology is utilized, among other things, to compute real-time vehicle location information for commuter trains. Real-time vehicle location information is essential not only for waiting passengers, but also for management staff. It allows transit and rail agencies to produce more efficient bus feeder/distribution schedules, and provides the means to calculate on-time performance statistics by route segment.

**ATTACHMENT**

**STIP AMENDMENT 00S-064**

Location Map



San Bernardino County  
PPNO 75-2019

Location: In San Bernardino County's Metrolink system

Description: Global Positioning System technology and changeable message signs for San Bernardino County's Metrolink Stations

